HIGH STANDARD
SPORTING FIREARMS

HIGH STANDARD SPORTING FIREARMS • 1817 DIXWELL AVENUE, HAMDEN, CONNECTICUT 06514
A DIVISION OF THE LEISURE GROUP, INC.

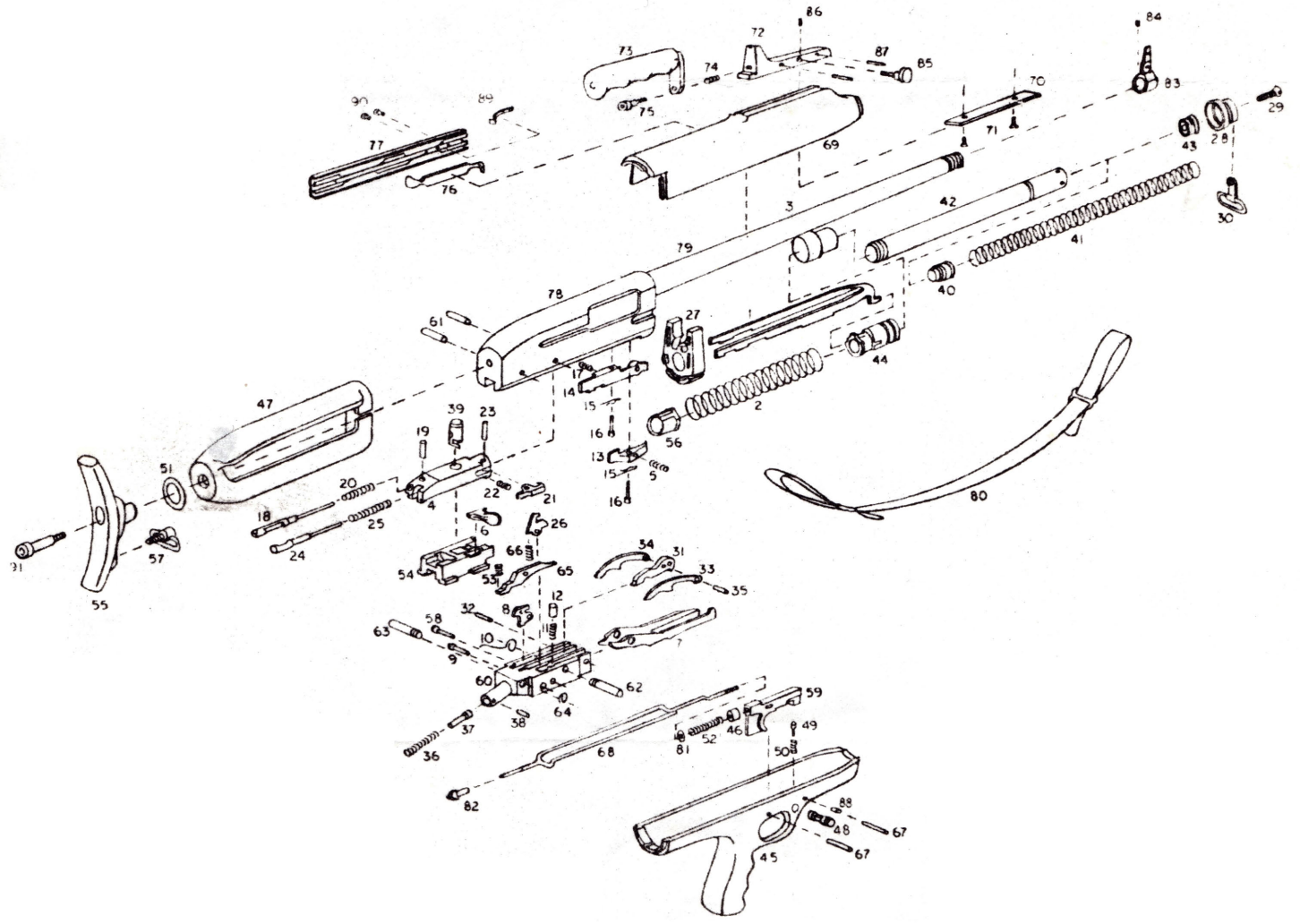
# PARTS BREAKDOWN

## MODEL TEN
## SERIES "B"
## 12 GAUGE AUTOLOADING POLICE SHOTGUN

Parts List 54323
7/74

Printed in U.S.A.

## EXPLODED VIEW OF MODEL TEN



***CAUTION:*** FOR SAFETY'S SAKE DO NOT ATTEMPT TO REPAIR SHOT GUN WITHOUT RECEIVING RELIABLE ADVICE.

# PARTS LIST FOR MODEL TEN SERIES "B"
# 12 GAUGE AUTOLOADING POLICE SHOTGUN

All parts identified with this mark (**) sold for factory installation only. Return complete shotgun to factory. Do not order repair parts by reference number, always use the part number.

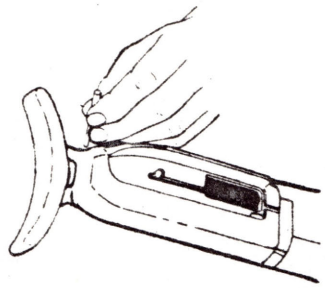
| REF. NO. | PART NO. | DESCRIPTION |
|---|---|---|
| 1 | **50173 | Action Bar |
| 2 | 3198 | Action Spring |
| 56 | 3199 | Action Spring Spacer |
| 3 | **50147 | Barrel & Cyl. Assy. |
| 79 | **50143 | Barrel & Rec. Assy. |
| 4 | **50146 | Bolt |
| N.I. | **50145 | Bolt Assy. |
| 73 | 50164 | Carrying Handle Assy. |
| 75 | 50169 | Carrying Handle Ret. Screw |
| 74 | 50201 | Carrying Handle Tension Spg. |
| 80 | 6826 | Carrying Sling |
| 7 | ** 6868 | Cartridge Lifter |
| 8 | ** 677 | Cartridge Lifter Actuator Assy. |
| 9 | 610 | Cartridge Lifter Actuator Hinge Pin |
| 10 | 675 | Cartridge Lifter Actuator Spg. |
| 11 | 50255 | Cartridge Lifter Spring |
| 12 | 689 | Cartridge Lifter Spring Plunger |
| 14 | 50208 | Cartridge Stop Assy., L.H. |
| 13 | 50203 | Cartridge Stop, R.H. |
| 16 | 50209 | Cartridge Stop Pin |
| 15 | 50205 | Cartridge Stop Pin Ret. Clip |
| 17 | 50194 | Cartridge Stop Spring, L.H. |
| 5 | 50256 | Cartridge Stop Spring, R.H. |
| 6 | 2409 | Cocking Handle |
| 18 | 739 | Ejector |
| 20 | 50257 | Ejector Retracting Spring |
| 26 | ** 873 | Escapement Hook |
| 66 | 50258 | Escapement Hook Spring |
| 21 | 6865 | Extractor, R.H. |
| 23 | 119 | Extractor Hinge Pin |
| 22 | 50259 | Extractor Spring, R.H. |
| 24 | 626 | Firing Pin |
| 19 | 50206 | Firing Pin & Ejector Ret. Pin |
| 25 | 50260 | Firing Pin Retracting Spring |
| 87 | 50273 | Flashlight Adapter Locating Pin (2) |
| 85 | 50269 | Flashlight Ret. Screw |
| 86 | 50271 | Flashlight Ret. Screw Ret. Pin |
| 28 | 6821 | Forehand Cap |
| 29 | 50207 | Forehand Cap Screw |
| 83 | 50188 | Front Sight Assy. |
| 84 | 1098 | Front Sight Set Screw |
| 30 | 6825 | Front Swivel Assy. |
| 61 | 6843 | Guard Ret. Pin (2) |
| 62 | 672 | Guard Ret. Pin Bushing, Front |
| 63 | 673 | Guard Ret. Pin Bushing, Rear |
| 31 | ** 6818 | Hammer |
| 32 | 50196 | Hammer Pivot Pin |
| 36 | 50261 | Hammer Spring |
| 37 | 639 | Hammer Spring Guide |
| 38 | 676 | Hammer Spring Ret. Pin |
| 33 | 641 | Hammer Strut, R.H. |
| 34 | 642 | Hammer Strut, L.H. |
| 35 | 643 | Hammer Strut Pin |
| 27 | **50174 | Housing Coupling |
| 39 | 691 | Locking Pin |
| 40 | 645 | Magazine Follower |
| 41 | 50262 | Magazine Spring |
| 42 | 50152 | Magazine Tube |
| 43 | 648 | Magazine Tube Cap |
| 76 | 50175 | Operating Handle, L.H. |
| 77 | 50176 | Operating Handle Guide, L.H. |
| 89 | 50275 | Operating Handle Spring |
| 90 | 50276 | Operating Handle Spring Rivet (2) |
| 45 | 50156 | Pistol Grip Housing |
| 44 | 50149 | Piston Assy. |
| 72 | 50170 | Rear Sight Block |
| 70 | 50171 | Rear Sight Strap |
| 71 | 50172 | Rear Sight Strap Screw (2) |
| 57 | 50182 | Rear Swivel Assy. |
| 78 | ** 6811 | Receiver |
| 47 | 50198 | Receiver Housing |
| 64 | 674 | Retaining Spring Clip |
| 81 | ** 6820 | Rod Washer |
| 48 | 6808 | Safety Button |
| 50 | 50263 | Safety Plunger Spring |
| 49 | 6848 | Safety Spring Plunger |
| 65 | **50154 | Sear |
| 58 | 699 | Sear Pivot Pin |
| 53 | 50200 | Sear Spring |
| 55 | 50279 | Shoulder Yoke |
| 51 | 735 | Shoulder Yoke Spring |
| 54 | **50148 | Slide |
| 59 | ** 6807 | Trigger |
| 60 | **50181 | Trigger Guard |
| N.I. | **50153 | Trigger Guard Assy. |
| 67 | 6842 | Trigger Retaining Pin (2) |
| 52 | **50199 | Trigger Return Spring |
| 68 | **50158 | Trigger Rod Assy. |
| 46 | **50183 | Trigger Rod Bushing |
| 82 | **50197 | Trigger Sear Nut |
| 88 | 50274 | Trigger Stop Pin Bushing |
| 69 | 50163 | Upper Housing |
| N.I. | 50284 | Carrying Case (Optional) |
| N.I. | 50285 | Flashlight (Optional) |

N.I. Part not illustrated.

WE MAINTAIN A SERVICE DEPARTMENT WHICH WILL PROMPTLY GIVE YOU ADVICE AND SERVICE.

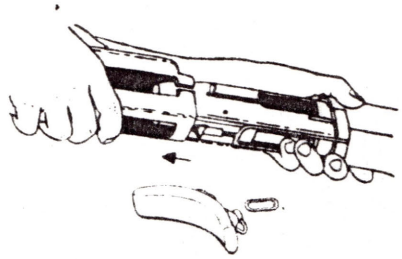
# DIS-ASSEMBLY FOR CLEANING

ILLUSTRATION #3



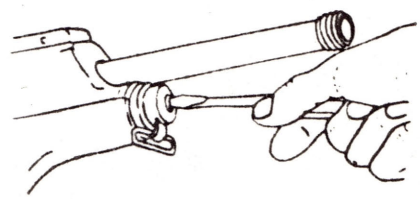
**STEP ONE – Removing Shoulder Yoke.** Open Action – Be sure gun is completely empty before starting disassembly. Insert suitable drift pin or punch into hole of Butt Plate swivel. Align hole with the detent plunger by turning the drift pin until it makes contact with the plunger. Depress the plunger with drift pin, and pull shoulder yoke off.

ILLUSTRATION #4



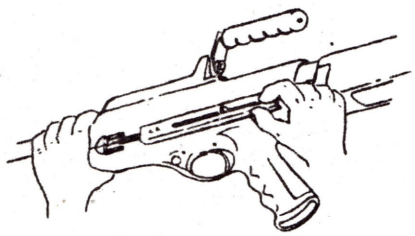
**STEP TWO – Removing Receiver Housing.** After removal of items in illustration #5, slide receiver housing rearward to remove.

ILLUSTRATION #5



**STEP THREE – Removing Front Sight Assembly and Magazine Cap.** Using a standard hex key, loosen front sight retaining screw and remove sight. Front magazine cap is disassembled by removing cap screw as shown. Front cap and sling swivel are then removed together.

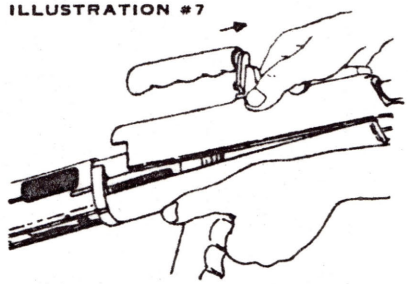
ILLUSTRATION #6



**STEP FOUR – Removing L.H. Operating Handle and Guide.** After removing front magazine cap, slide upper and lower housing forward approximately 2" away from housing coupling. Grasp L.H. operating handle guide and slide it rearward approximately 1" until it disengages locating lugs on upper and lower housings. Remove handle and guide by lifting away from housings.

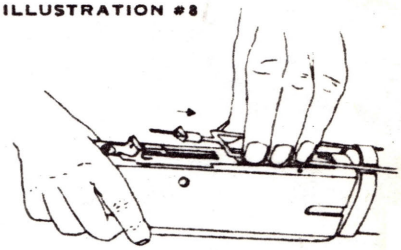
**Note:** Re-assemble in reverse order.

ILLUSTRATION #7



**STEP FIVE – Disassembly of Upper Housing Assembly.** After removal of L.H. operating handle guide, upper housing assembly can be removed by sliding forward.

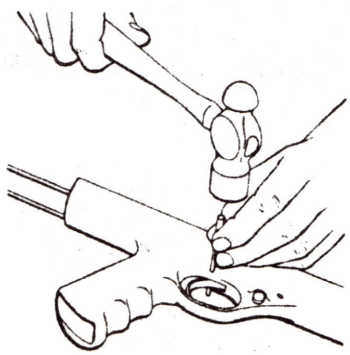
ILLUSTRATION #8



**STEP SIX – Removing Pistol Grip Housing.** Slide pistol grip housing forward until trigger rod is clear of hole in trigger guard. Trigger rod can now be removed by springing rod out of both slots in housing coupling.

**Note:** Re-assemble in reverse order.

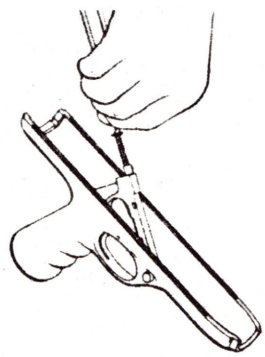
ILLUSTRATION #9



**STEP SEVEN – Removing Trigger Retaining Pin.** To remove trigger retaining pin, drive out with punch as shown in illustration #9.

**Note:** Drive pin from right to left. Re-assemble in reverse order.

ILLUSTRATION #10



**STEP EIGHT – Dis-assembly of Pistol Grip Housing.** To remove trigger spring, rod and assembly, dis-engage safety by pushing from right to left, then grasp trigger and draw rearward and out.

**Note:** Assemble in reverse order.

## CLEANING THE ACTION

The Model Ten has been designed to practically eliminate lubrication of all operating parts. However, it is important to keep the following parts of the action clean and free from residue build-up. After removing the upper housing assembly and pistol grip unit, the operating piston, spring and magazine tube will be exposed. Do not remove magazine tube or piston from gun. Retract piston manually and clean tube and piston parts thoroughly with a solvent to remove all residue. Dry the action with an air hose or wipe clean with a lint-free cloth.

**Do not oil** these parts.

# OPERATING INSTRUCTIONS

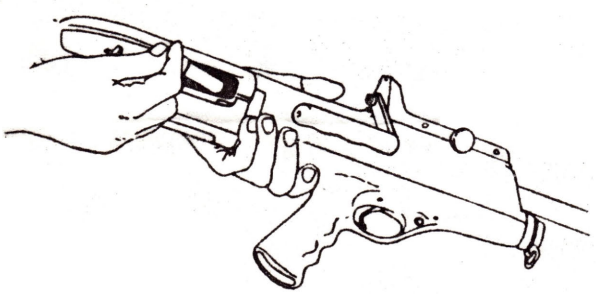
The Model Ten Police Shotgun is gas operated, using a part of the gas pressure generated to operate the action of the firearm. This results in a reduction of the recoil of about 50% (compared to a pump-action shotgun). The Model Ten is designed to function either 2¾" high base or 2¾" magnum loads, interchangeably, without adjustment.

## CLEANING EXTERIOR

For trouble free operation, clean the heavy protective oils from the exterior before firing. After cleaning, coat the **exterior** with light gun-oil. (Cleaning of the "action" is explained in a later part of the instructions).

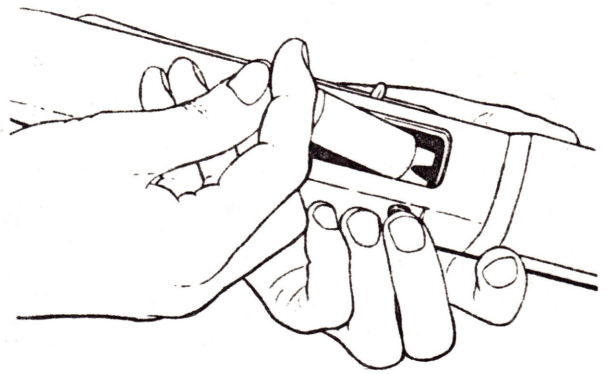
Since the primary use for police shotguns is of an intermittent nature, it is suggested that a periodic check of the gun be made to insure that the action is functioning properly. The best method is to function five or ten rounds through it. This will provide additional experience in loading and handling of the Model Ten.

ILLUSTRATION #1



**TO LOAD FIRST SHELL INTO CHAMBER** – Engage safety by pushing from left to right. Open the action by pulling either the R.H. or L.H. operating handles all the way to the rear. (Action will lock into "open" position). Drop shell into loading port. Push cartridge stop button and action will close, carrying shell into chamber.

ILLUSTRATION #2



**TO LOAD MAGAZINE** – Depress cartridge stop button until cartridge lifter can be fully depressed. Insert shells into magazine tube, being sure to push each shell past the cartridge stops. Only slight pressure should be applied to the cartridge stop button when loading. The best method for doing this is to hold the gun with the top of the receiver in the palm of the left hand with the cartridge stop button depressed. Load four shells into the magazine tube by pushing downward and forward. Magazine holds four 2¾" shells.

The gun is now fully loaded and ready to fire. To dis-engage the safety push from right to left (the red ring on the safety will now appear).

**Note:** When firing the gun be sure it is positioned so that the ejection port is facing outward to the right.

**TO UNLOAD MAGAZINE** — Push safety button from left to right, locking trigger. **Be sure Red Band on Safety is not visible.** Turn gun over — push cartridge stop button and depress cartridge lifter. Holding cartridge lifter down, press in cartridge stop on inside of receiver (the left side with gun upside down) to release shell from magazine. Repeat procedure until magazine is empty. **Be sure to Remove Loaded Shell from Chamber.**

**TO REMOVE LOADED SHELL FROM CHAMBER** — Be sure that safety button has been pushed from left to right and that red band on safety is not showing. Open action fully by pulling operating handle all the way back and loaded shell will be extracted.